

North Carolina Weather & Crops Report

Released June15, 2015



CROP SUMMARY FOR THE WEEK ENDING JUNE 14, 2015

DAYS SUITABLE FOR FIELD WORK

| This Week | Last Week | Last Year | 5-Year Avg. |
|-----------|-----------|-----------|-------------|
| 5.8 | 4.3 | 5.3 | 5.2 |

SOIL MOISTURE PERCENT

| | VS | ST | A | SS |
|---|----|----|----|----|
| Topsoil Moisture | 5 | 27 | 60 | 8 |
| Subsoil Moisture | 4 | 20 | 67 | 9 |
| VS= Very Short ST = Short A = Adequate SS = Surplus | | | | |

CROP PROGRESS PERCENT – WITH COMPARISONS

| | This Week | Last Week | Last Year | 5 Yr. Avg. |
|-----------------------------|-----------|-----------|-----------|------------|
| PLANTED: | | | | |
| Cotton | 94 | 92 | 100 | 100 |
| Peanuts | 96 | 91 | 100 | 100 |
| Soybeans | 70 | 61 | 70 | 68 |
| Sweet Potatoes | 61 | 44 | 60 | 61 |
| Tobacco: Burley | 80 | 73 | 86 | 89 |
| PHENOLOGICAL: | | | | |
| Soybean % Emerged | 56 | 45 | 62 | 56 |
| HARVESTED: | | | | |
| Barley | 48 | 20 | n/a | n/a |
| Hay 1 st cutting | 90 | 82 | 91 | 90 |
| Oats | 48 | 30 | n/a | n/a |
| Wheat | 21 | n/a | 30 | 46 |

CROP CONDITION PERCENT

| | VP | P | F | G | EX |
|---------------------|----|----|----|----|----|
| Apples | 0 | 2 | 37 | 58 | 3 |
| Barley | 0 | 3 | 25 | 68 | 4 |
| Corn | 1 | 7 | 26 | 49 | 17 |
| Cotton | 1 | 3 | 22 | 62 | 12 |
| Hay | 0 | 5 | 47 | 41 | 7 |
| Oats | 2 | 8 | 45 | 41 | 4 |
| Pasture | 3 | 21 | 40 | 33 | 3 |
| Peaches | 4 | 2 | 39 | 49 | 6 |
| Peanuts | 0 | 1 | 17 | 69 | 13 |
| Soybeans | 1 | 4 | 26 | 63 | 6 |
| Sweet Potatoes | 0 | 1 | 54 | 45 | 0 |
| Tobacco: Flue Cured | 0 | 1 | 20 | 67 | 12 |
| Tobacco: Burley | 0 | 0 | 42 | 54 | 4 |
| Wheat | 2 | 11 | 32 | 46 | 9 |

VP = Very Poor P = Poor F = Fair G = Good EX = Excellent

The tobacco crop has gotten off to a good start in most areas. Weather conditions have been extremely variable across the area. Livestock farmers pastures are doing great but some are falling short on hay supplies which is forcing them to plant summer annuals for additional grazing and hay supplies. Overall the crops in the county look great. With all of the rainfall this past week some of the small grains, such as wheat, have started to lodge in the fields. **Joey Knight – Caswell County Extension**

A few scattered showers helped crops in parts of the county, but a good general rainfall is needed. Some growers started irrigating tobacco due to short soil moisture. Corn is showing heat stress again, but is still in decent condition. Wheat is showing some disease problems. A few growers are starting to combine as moisture levels get low enough. Full season soybeans have emerged pretty well, but soil moisture will be critical for double crop beans. Growth of cool season grasses in pastures has just about stopped due to heat and humidity. Summer species are growing pretty well and will help livestock farmers. **Paul Westfall – Granville County Extension**

Conditions in many areas are worsening due to lack of rainfall of late. Continued hot, dry conditions will hamper crop development. Corn that is tasselling this week will be harmed due to the extremely hot temperatures. Tobacco that is nearing running out a top will also be hurt. **Don Nicholson – Agronomist Region 7**

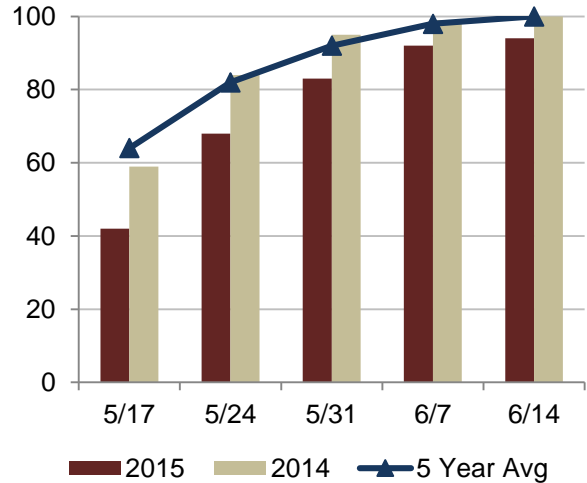
Very spotty showers of half inch or less fell on a few areas this past week. Conditions are hot and dry. **Carl Pless – Cabarrus County Extension**

Scattered thunderstorms occurred over the weekend to help alleviate dry soil conditions. Some pre-bloom cotton fields infested with plant bug and needing to be treated with insecticides. Reports of poor corn stands and suckering of corn plants caused by earlier feeding by stinkbugs. **Richard Rhodes – Bertie County Extension**

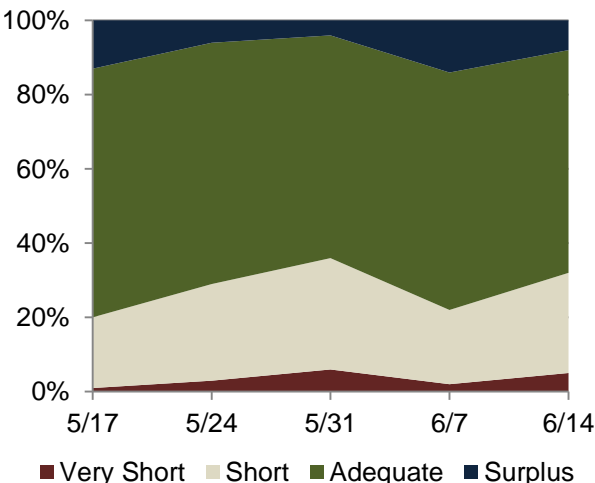
Heavy rainfall in southern Pender County caused significant flooding in soybeans planted the previous week. Early planted corn is beginning to tassel. Stands are very uneven because of poor conditions when it was emerging. Wheat harvest started last week, but rains later in the week stopped all progress. Expect wheat harvest to move rapidly this week with hot, dry conditions. **Mark Seitz - Pender County Extension**

Robeson County received varied amounts (0.5-3+”) of rainfall last week with multiple systems moving across the area that brought much needed moisture ahead of a major heat wave. Some events brought heavy rain and strong winds. One isolated report of wind damage to sorghum was received. Small grain harvest is in full swing with reports of yield lower than past few years. **Mac Malloy - Robeson County Extension**

COTTON PERCENT PLANTED



TOPSOIL MOISTURE PERCENT



WEATHER SUMMARY FOR THE WEEK ENDING JUNE 14, 2015

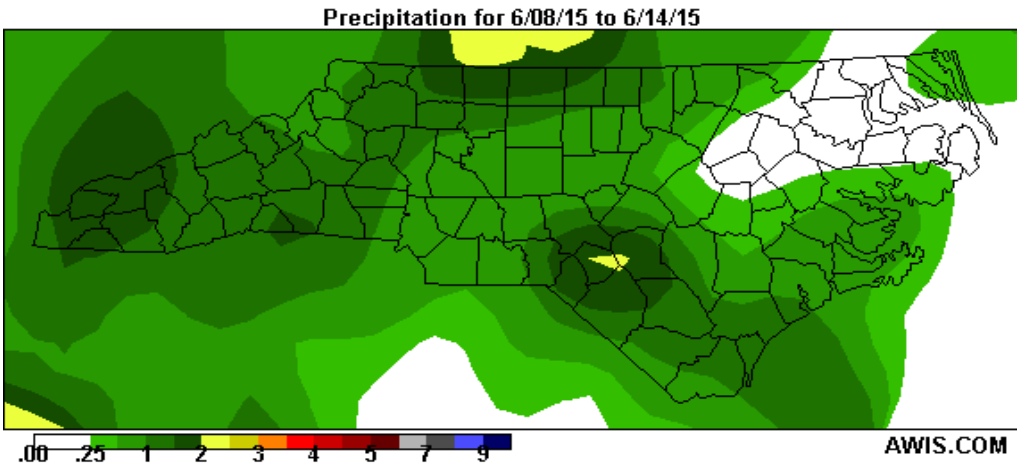
| Location | Precipitation (Inches) ¹ | | | | Temperature (Degrees F.) | | | | |
|------------------|-------------------------------------|-----------------------|--------------|-----------------------|--------------------------|-----|------|-----------------------|---------------------|
| | This Week | | Year To Date | | This Week | | | | |
| | Total | Departure from Normal | Total | Departure from Normal | High | Low | Avg. | Departure from Normal | Degree Days (YTD) * |
| Asheboro | 0.63 | -0.28 | 16.95 | -4.99 | 92 | 67 | 79 | 6 | 1254 |
| Asheville | 1.95 | 0.90 | 16.80 | -5.70 | 86 | 58 | 73 | 5 | 1118 |
| Burlington | 0.35 | -0.57 | 15.32 | -5.42 | 94 | 66 | 79 | 6 | 1327 |
| Charlotte | 0.35 | -0.42 | 15.60 | -4.56 | 94 | 67 | 79 | 5 | 1429 |
| Clayton | 0.36 | -0.46 | 21.74 | 1.37 | 93 | 60 | 77 | 3 | 1230 |
| Clinton | 0.97 | -0.01 | 23.71 | 2.90 | 93 | 60 | 78 | 3 | 1367 |
| Dunn | 1.14 | 0.16 | 25.34 | 3.95 | 96 | 63 | 80 | 7 | 1423 |
| Elizabeth City | 0.52 | -0.32 | 19.93 | -1.58 | 93 | 56 | 78 | 5 | 1300 |
| Fayetteville | 4.07 | 3.13 | 21.50 | 1.36 | 94 | 63 | 80 | 5 | 1529 |
| Gastonia-Gaston | 0.36 | -0.49 | 13.64 | -6.87 | 94 | 65 | 79 | 5 | 1404 |
| Goldsboro | 0.51 | -0.39 | 23.74 | 2.17 | 96 | 58 | 80 | 4 | 1478 |
| Greensboro | 0.20 | -0.57 | 14.08 | -5.39 | 93 | 66 | 79 | 7 | 1309 |
| Greenville | 0.14 | -0.85 | 24.72 | 3.56 | 95 | 58 | 80 | 6 | 1418 |
| Hickory | 0.74 | -0.38 | 16.63 | -6.79 | 90 | 63 | 76 | 4 | 1278 |
| Jefferson | 1.21 | 0.16 | 17.49 | -5.82 | 87 | 50 | 69 | 5 | 669 |
| Kinston | 0.50 | -0.55 | 23.77 | 2.07 | 96 | 61 | 79 | 5 | 1345 |
| Maxton | 3.40 | 2.27 | 21.09 | 0.45 | 94 | 64 | 79 | 4 | 1502 |
| Mount Airy | 2.20 | 1.28 | 18.58 | -3.62 | 90 | 57 | 74 | 5 | 1022 |
| New Bern | 1.24 | 0.18 | 22.82 | 0.06 | 95 | 58 | 79 | 5 | 1465 |
| North Wilkesboro | 1.11 | 0.06 | 14.68 | -9.70 | 88 | 60 | 75 | 5 | 1105 |
| Oxford | 1.55 | 0.79 | 17.76 | -2.90 | 93 | 62 | 77 | 6 | 1207 |
| Raeford | 1.22 | 0.09 | 21.93 | 1.29 | 95 | 63 | 79 | 4 | 1424 |
| Raleigh-Durham | 0.64 | -0.13 | 18.74 | -0.94 | 95 | 65 | 80 | 6 | 1395 |
| Reidsville | 3.04 | 2.15 | 18.43 | -3.43 | 91 | 63 | 76 | 4 | 1120 |
| Roanoke Rapids | 0.50 | -0.34 | 19.02 | -1.57 | 94 | 59 | 78 | 5 | 1267 |
| Robbinsville | 2.85 | 1.52 | 26.09 | -7.34 | 88 | 55 | 72 | 4 | 1032 |
| Roxboro | 1.46 | 0.63 | 19.48 | -1.24 | 91 | 61 | 76 | 5 | 1153 |
| Statesville | 1.28 | 0.23 | 15.96 | -5.54 | 90 | 60 | 75 | 3 | 1073 |
| Tarboro | 0.00 | -0.84 | 20.00 | -0.51 | 95 | 59 | 78 | 5 | 1302 |
| Vale | 1.26 | 0.34 | 18.93 | -3.85 | 90 | 62 | 76 | 3 | 1163 |
| Wallace | 0.64 | -0.49 | 24.88 | 3.09 | 96 | 58 | 77 | 1 | 1351 |
| Washington | 0.68 | -0.35 | 23.89 | 2.60 | 94 | 60 | 79 | 6 | 1324 |
| Waynesville | 0.88 | -0.10 | 23.47 | -1.17 | 88 | 52 | 72 | 8 | 933 |
| Whiteville | 1.57 | 0.52 | 18.00 | -3.88 | 92 | 61 | 78 | 3 | 1397 |
| Williamston | 0.00 | -1.03 | 22.28 | 0.99 | 95 | 58 | 78 | 5 | 1330 |
| Willington | 2.10 | 0.93 | 23.55 | 1.52 | 95 | 63 | 80 | 4 | 1495 |
| Wilson | 0.13 | -0.71 | 24.03 | 3.00 | 95 | 59 | 80 | 6 | 1407 |
| Winston Salem | 1.62 | 0.85 | 13.15 | -6.32 | 92 | 64 | 78 | 7 | 1295 |

¹ Precipitation data considered preliminary *Data not available.

PRECIPITATION SUMMARY

<http://www.awis.com/>

Map depicts accumulations through dates listed. This product is made possible by AWIS Weather Services, Inc.



US DROUGHT MONITOR OF NORTH CAROLINA

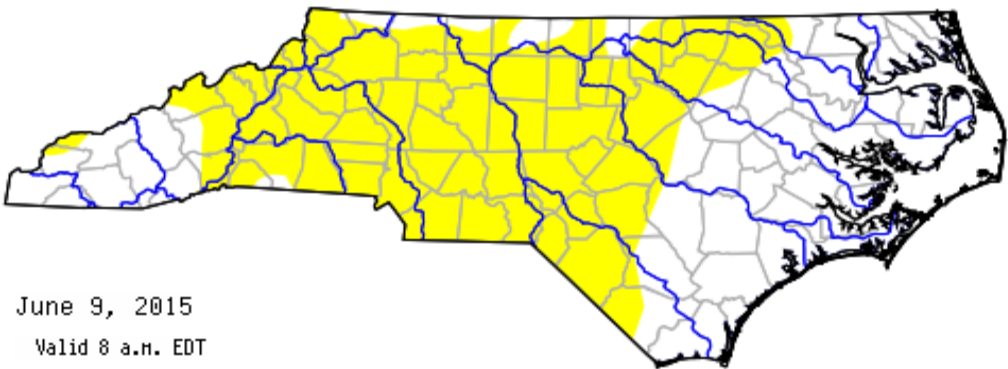
<http://www.ncdrought.org/>

The US drought monitor focuses on broad scale conditions. Information provided for North Carolina is relative to information provided from all other states and the North Carolina Drought Management Advisory Council. Local conditions may vary.

Drought Classifications

- D0 - Abnormally Dry
- D1 - Moderate Drought
- D2 - Severe Drought
- D3 - Extreme Drought
- D4 - Exceptional Drought

June 9, 2015
Valid 8 a.m. EDT



S = Short-Term, typically <6 months (e.g. agriculture, grasslands)
L = Long-Term, typically >6 months (e.g. hydrology, ecology)